

AMENDMENTS

Please amend the application as follows:

In the Claims:

Please substitute the following clean copy text for the pending claims of the same number.

4w *71* *A1*

1. (Once Amended) A system for automatically cropping graphical images, comprising:
 - memory for storing digital data that defines a graphical image;
 - an object detector configured to perform a search of said digital data for an object of a particular type and to automatically identify, based on said search, a portion of said digital data that defines an image of an object of said particular type within said graphical image; and
 - an image cropper configured to automatically crop said digital data based on a position of said object image within said graphical image, said image cropper configured to determine said position of said object image within said graphical image based on said portion automatically identified by said object detector.

2. (Once Amended) The system of claim 1, wherein said object image is an image of a person's face, and wherein said object detector is configured to search said digital data for facial images.

5. (Once Amended) A system for automatically cropping graphical images, comprising:

memory for storing digital data that defines a graphical image;

A2 an object detector configured to analyze said digital data and to automatically identify a graphical object within said graphical image; and

an image cropper configured to automatically crop said digital data based on a position of said graphical object within said graphical image such that said graphical object is removed from said graphical image.

9. (Once Amended) A system for automatically cropping graphical images, comprising:

memory for storing digital data that defines a graphical image;

means for performing a search of said digital data for an object of a particular type and for automatically identifying, based on said search, a portion of said digital data that defines an image of an object of said particular type within said graphical image; and

A3 means for automatically cropping said digital data based on a position of said object image within said graphical image, said cropping means configured to determine said position of said object image within said graphical image based on said portion automatically identified by said identifying means.

10. (Once Amended) The system of claim 9, wherein said object image is an image of a person's face, and wherein said identifying means is configured to search said digital data for facial images.

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13. (Once Amended) The system of claim 9, wherein said cropping means crops said digital data based on said position of said object image such that said object image is completely removed from said graphical image.

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16. (Once Amended) A method for automatically cropping graphical images, comprising the steps of:

storing digital data that defines a graphical image;
automatically searching said digital data for an object of a particular type;
identifying, based on said searching step, a portion of said digital data that defines an image of an object of said particular type;
determining, based on said identified portion, a position of said object image within said graphical image; and
automatically cropping said digital data based on said position of said object image.

17. (Once Amended) The method of claim 16, wherein said object image comprises an image of a person's face.

A6
20. (Once Amended) The method of claim 16, further comprising the step of:
removing, via said cropping step, said object image from said graphical image.

Add the following new claims:

A7
23. (New) The system of claim 1, wherein said object detector is configured to make a determination as to whether said portion defines a facial image.

24. (New) The system of claim 1, wherein said image cropper is configured to automatically crop said digital data such that said object image is removed from said graphical image.

25. (New) The system of claim 24, wherein said object image comprises an image of a face.

26. (New) The system of claim 5, wherein said graphical object is an image of a face.

*AI
CROPPING*
27. (New) The method of claim 16, further comprising the step of enabling a user to select the type of automatic cropping to be performed in said cropping step.

28. (New) The method of claim 16, further comprising the step of making a determination as to whether said object image is a facial image, wherein said cropping step is based on said determination.

29. (New) The method of claim 28, wherein said cropping step comprises the step of removing said object image from said graphical image if said determination indicates that said object image is a facial image.

30. (New) A system for automatically cropping graphical images, comprising:
memory for storing digital data that defines a graphical image;
an object detector configured to make a determination as to whether a portion of said
digital data defines a facial image; and
an image cropper configured to automatically crop said digital data based on said
determination.

31. (New) The system of claim 30, wherein said image cropper is configured to
automatically crop said digital data, if said portion defines said facial image, based on a position
of said facial image within said graphical image.

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32. (New) The system of claim 30, wherein said image cropper is configured to
automatically crop said digital data such that said facial image is removed from said graphical
image.

33. (New) A method for automatically cropping graphical images, comprising the steps
of:

storing digital data that defines a graphical image;
determining whether a portion of said digital data defines a facial image; and
automatically cropping said digital data based on said determining step.

34. (New) The method of claim 33, wherein said cropping step is further based on a
position of said facial image within said graphical image.

35. (New) The method of claim 33, wherein said cropping step comprises the step of removing said facial image from said graphical image.

36. (New) A method for cropping a graphical image, comprising the steps of: detecting a plurality of faces in the graphical image; determining if one of the faces is close to a center of the graphical image; and automatically cropping the graphical image.

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37. (New) The method of claim 36, further comprising the step of determining a location in the graphical image of each of the plurality of faces.

38. (New) The method of claim 36, wherein the step of cropping the graphical image comprises positioning one of the plurality of faces closer to the center.

39. (New) The method of claim 36, wherein if one face of the plurality of faces is close to the center, then cropping the graphical image to move the one face closer to the center.

40. (New) The method of claim 36, wherein if one face of the plurality of faces is close to the center, then cropping the graphical image to remove at least one other face of the plurality of faces.